

Remarks

Applicants respectfully request reconsideration of the present U.S. Patent application as amended herein. Claims 7 and 10 have been amended. Claims 13 and 14 are canceled herein. Claims 1-6, 8 and 15-19 have been canceled previously. No claims have been added or canceled herein. Thus, claims 7 and 9-12 are pending.

CLAIM REJECTIONS – 35 U.S.C. § 103(a)

Claims 7 and 9-12 were rejected as being unpatentable over “Wisnock Direct: The Value of System Area Networks” by Jim Pinkerton (*Pinkerton*) in view of U.S. Patent Publication No. 2004/0216097 of Sun (*Sun*). Claims 13 and 14 have been canceled. Therefore, the rejection of claims 13 and 14 is moot. For at least the reasons set forth below, Applicants submit that claims 7 and 9-12 are not rendered obvious by *Pinkerton* and *Sun*.

Claim 7 recites:

encoding a software module to reserve memory space in a managed runtime environment (MRTE) that allows a network software memory program to bypass a central processing unit to access the memory space when just-in-time (JIT) application code is received in the MRTE, the network software memory program operating according to a remote direct memory access protocol (RDMA), wherein the JIT application code is transported via RDMA to the MRTE environment; and
recognizing receipt of the JIT application code with a JIT compiler and class loader such that a TCP/IP socket through which the JIT application code is received does not notify the MRTE of the receipt of the JIT application code.

Thus, Applicants claim bypassing a central processing unit for JIT application code including recognizing receipt of the JIT code by a JIT compiler and class loader where

the socket does not notify the MRTE of the receipt of the JIT code. Claim 10 recites similar limitations.

Pinkerton does not appear to address JIT application code. *Sun* is cited to disclose JIT application code. However, neither *Pinkerton* nor *Sun* appear to disclose recognizing receipt of the JIT code by a JIT compiler and class loader where the socket does not notify the MRTE of the receipt of the JIT code. Therefore, *Pinkerton* and *Sun* cannot render obvious claims 7 and 10.

Claim 9 depends from claim 7. Claims 11 and 12 depend from claim 10. Because dependent claims include the limitations of the claims from which they depend, claims 9, 11 and 12 are not rendered obvious by *Pinkerton* and *Sun* for at least the reasons set forth above.

CONCLUSION

For at least the foregoing reasons, Applicants submit that the rejections have been overcome. Therefore, claims 7-12 are in condition for allowance and such action is earnestly solicited. The Examiner is respectfully requested to contact the undersigned by telephone if such contact would further the examination of the present application. Please charge any shortages and credit any overcharges to our Deposit Account number 02-2666.

Respectfully submitted,
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